

SYSTEMS AND METHODS FOR RETROSPECTIVE
INTERNAL GATING

ABSTRACT OF THE DISCLOSURE

A method for retrospective internal gating is described. The method includes acquiring images at multiple z-locations $z_1 \dots z_n$ and at different times $t_1 \dots t_n$ at each of the z-locations, and reordering the images at at least one of the z-locations to obtain a synchronized image set.